

Baton Rouge Highway Safety Briefing

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National Highway Traffic
Safety Administration





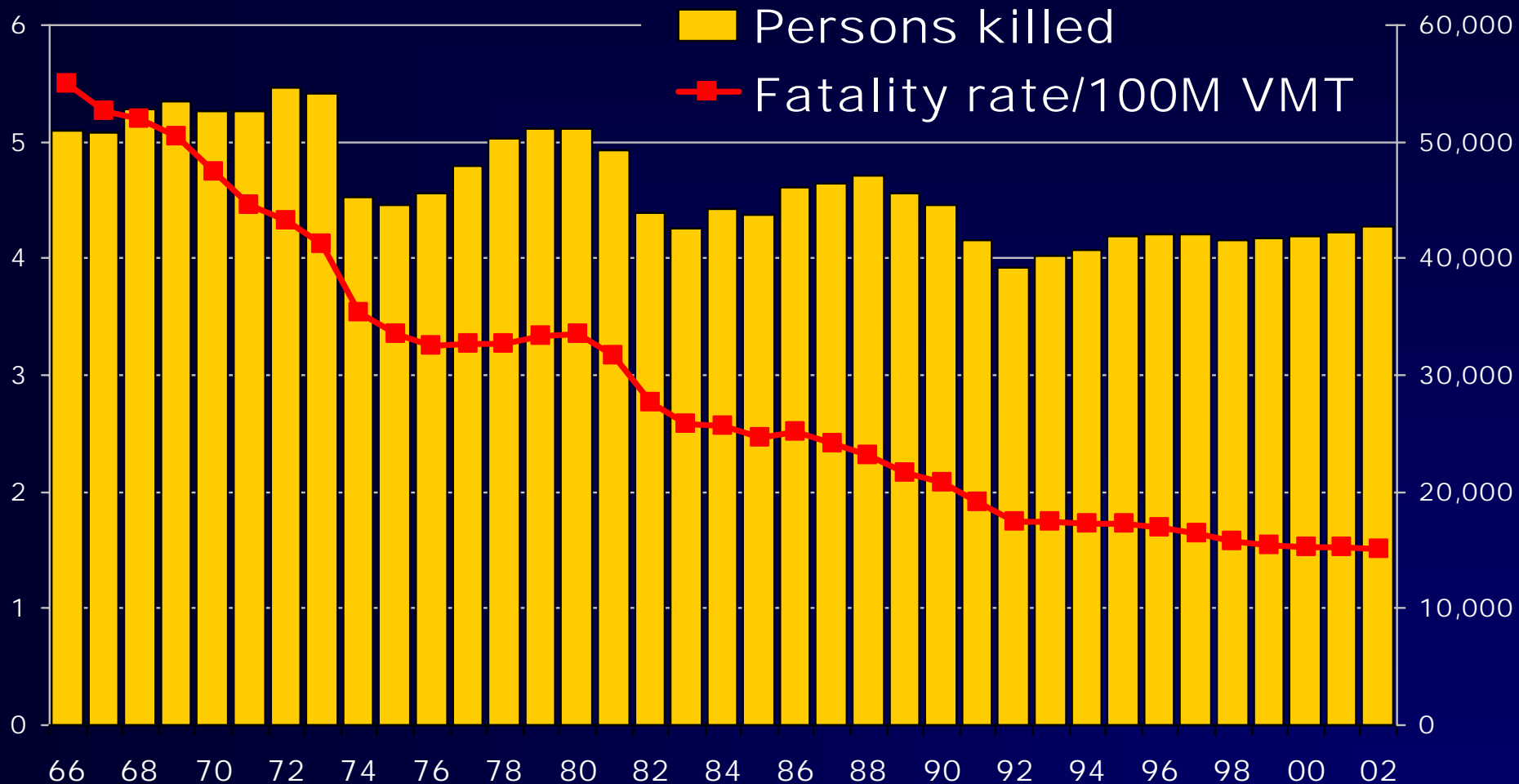
Persons Killed and Injured in Crashes

	Year		% Change
	2001	2002	
Persons Killed	42,196	42,815	+1.5%
Persons Injured	3,033,000	2,926,000	-3.5%

Sources: FARS, NASS GES



Persons Killed and Rate Per 100M VMT



Top 10 Leading Causes of Death in the United States for 2001, by Age Group

RANK	Cause and Number of Deaths											Years of Life Lost
	Infants Under 1	Toddlers 1-3	Young Children 4-7	Children 8-15	Youth 16-20	Young Adults 21-24	Other Adults			Elderly 65+	All Ages	
							25-34	35-44	45-64			
1	Perinatal Period 13,734	Congenital Anomalies 496	MV Traffic Crashes 533	MV Traffic Crashes 1,546	MV Traffic Crashes 5,979	MV Traffic Crashes 4,136	MV Traffic Crashes 6,759	Malignant Neoplasms 16,569	Malignant Neoplasms 139,785	Heart Disease 582,730	Heart Disease 700,142	Malignant Neoplasms 23% (8,614,131)
2	Congenital Anomalies 5,513	MV Traffic Crashes 421	Malignant Neoplasms 400	Malignant Neoplasms 829	Homicide 2,414	Homicide 2,738	Homicide 5,204	Heart Disease 13,326	Heart Disease 98,885	Malignant Neoplasms 390,214	Malignant Neoplasms 553,768	Heart Disease 22% (8,110,571)
3	Heart Disease 479	Accidental Drowning 393	Exposure to Smoke/Fire 178	Suicide 447	Suicide 1,879	Suicide 1,924	Suicide 5,070	MV Traffic Crashes 6,891	Stroke 15,518	Stroke 144,486	Stroke 163,538	MV Traffic Crashes 5% (1,700,952)
4	Homicide 332	Homicide 362	Congenital Anomalies 168	Homicide 391	Malignant Neoplasms 814	Accidental Poisoning 771	Malignant Neoplasms 3,994	Suicide 6,635	Diabetes 14,913	Chronic Lwr. Resp. Dis. 106,904	Chronic Lwr. Resp. Dis. 123,013	Stroke 5% (1,687,683)
5	Septicemia 312	Malignant Neoplasms 321	Accidental Drowning 164	Congenital Anomalies 324	Accidental Poisoning 566	Malignant Neoplasms 768	Heart Disease 3,160	HIV 5,867	Chronic Lwr. Resp. Dis. 14,490	Influenza/Pneumonia 55,518	Diabetes 71,372	Chronic Lwr. Resp. Dis. 4% (1,444,745)
6	Influenza/Pneumonia 299	Heart Disease 200	Homicide 133	Accidental Drowning 293	Heart Disease 398	Heart Disease 543	Accidental Poisoning 2,507	Accidental Poisoning 5,036	Chronic Liver Disease 13,009	Diabetes 53,707	Influenza/Pneumonia 62,034	Suicide 3% (1,079,822)
7	MV Traffic Crashes 139	Exposure to Smoke/Fire 170	Heart Disease 82	Heart Disease 273	Accidental Drowning 326	Accidental Drowning 211	HIV 2,101	Homicide 4,268	Suicide 9,259	Alzheimer's 53,245	Alzheimer's 53,852	Perinatal Period 3% (1,070,154)
8	Nephritis/Nephrosis 133	Septicemia 96	MV NonTraffic Crashes 51	Exposure to Smoke/Fire 140	Congenital Anomalies 244	Congenital Anomalies 206	Stroke 601	Chronic Liver Disease 3,336	MV Traffic Crashes 8,750	Nephritis/Nephrosis 33,121	MV Traffic Crashes 42,443	Diabetes 3% (1,014,201)
9	Stroke 108	Influenza/Pneumonia 92	Benign Neoplasms 46	MV NonTraffic Crashes 125	Accidental Falls 114	HIV 167	Diabetes 595	Stroke 2,491	HIV 5,437	Septicemia 25,418	Nephritis/Nephrosis 39,480	Homicide 3% (924,263)
10	Meningitis 78	Perinatal Period 63	Septicemia 33	Chr. Lwr. Resp. Dis. 102	Acc. Dischg. of Firearms 114	Accidental Falls 134	Congenital Anomalies 458	Diabetes 1,958	Nephritis/Nephrosis 5,106	Hypertension Renal Dis. 16,397	Septicemia 32,238	Chronic Liver Disease 2% (623,998)
ALL	27,568	4,288	2,703	6,672	15,851	14,940	41,683	91,674	412,204	1,798,420	2,416,425	All Causes 100% (36,866,317)

Economic Cost of Crashes



- ▶ \$230 billion total
 - \$32 billion medical cost
 - \$51 billion for impaired driving
 - \$20 billion failure to use belts

1.0 Fatalities

per 100M VMT by 2008



**U.S. Department
of Transportation**



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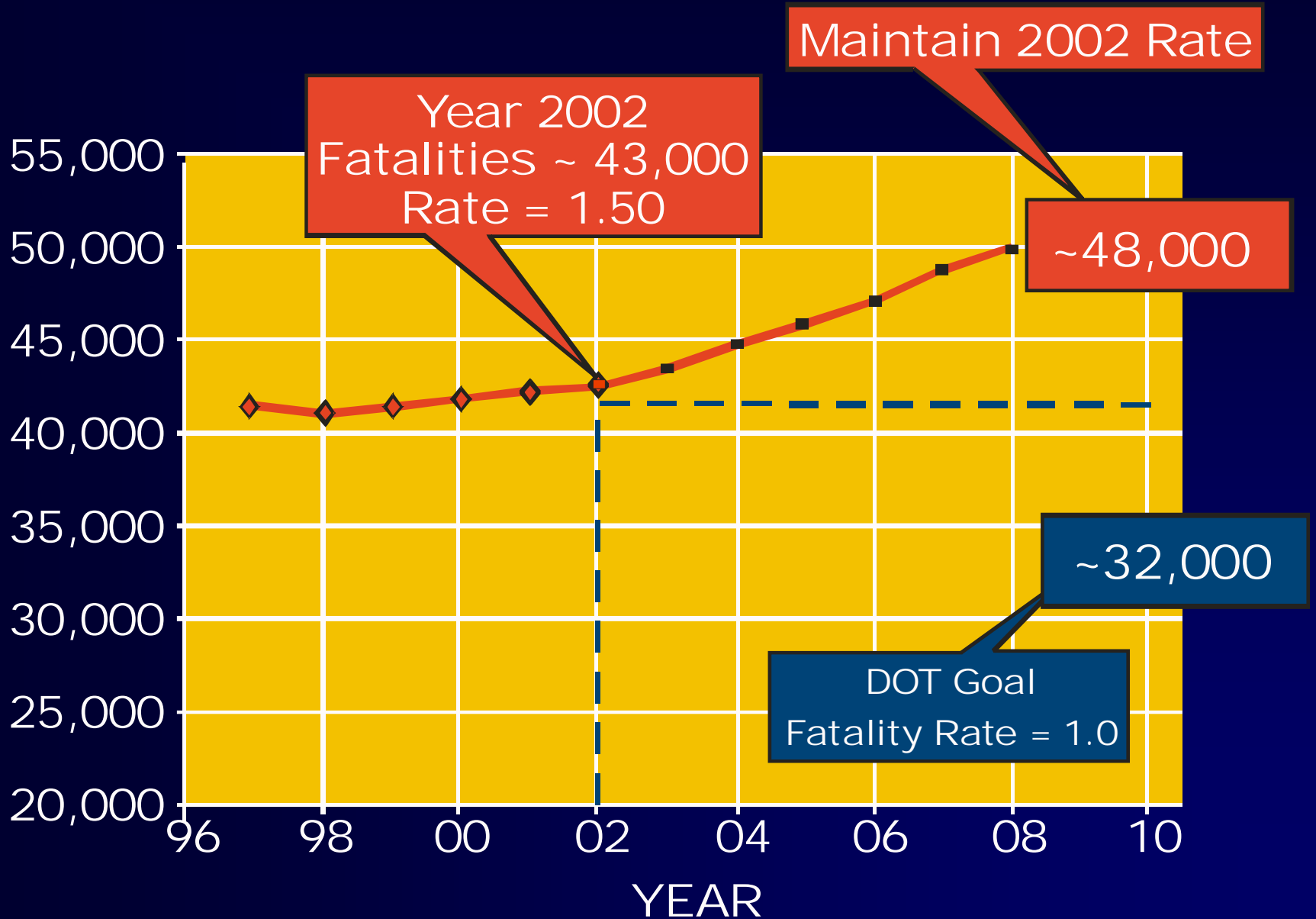
**U.S. Department
of Transportation**



**Federal Highway
Administration**

NHTSA
People Saving People
www.nhtsa.dot.gov

2008 Goal Is Challenging



Predicted Lives Saved by Countermeasure

Safety Belts
at 90% Use

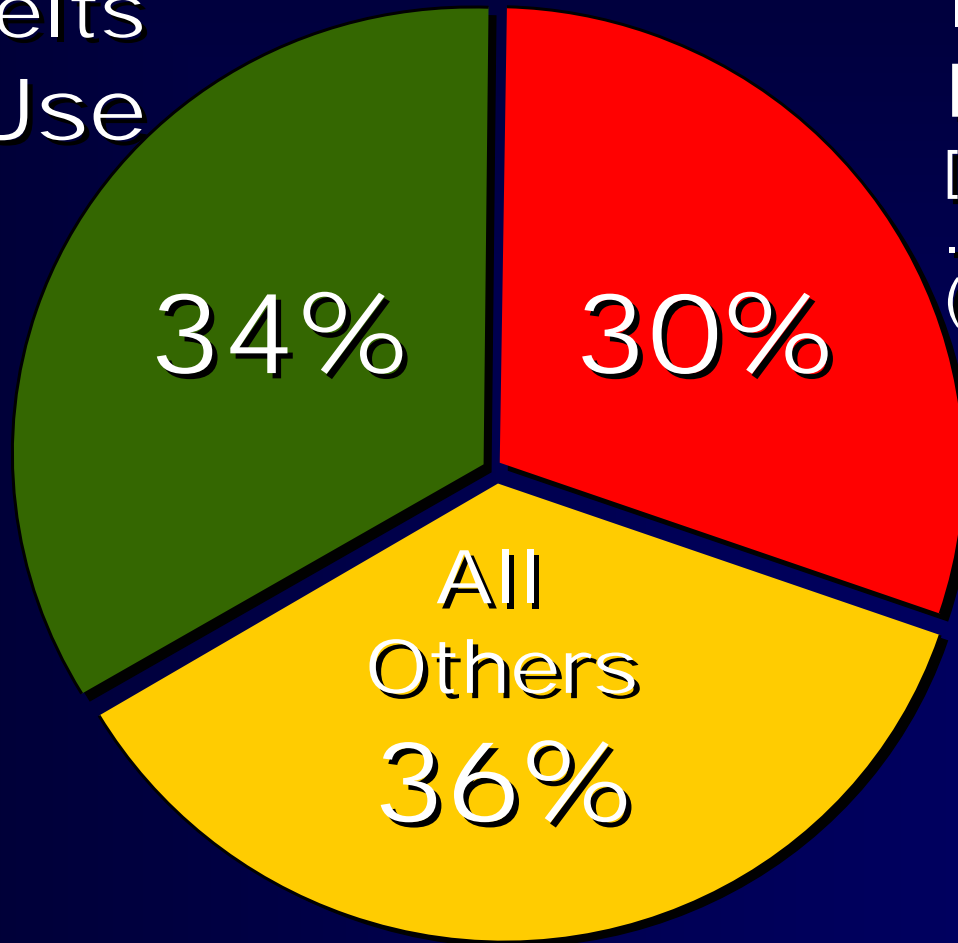
34%

Impaired
Driving

[Reduce a/r rate to
.44 per 100M VMT
(2000 baseline of .61)]

30%

All
Others
36%



Highway Safety Priorities

- ▶ Increase safety belt use
- ▶ Reduce impaired driving
- ▶ Improve data
- ▶ Reduce rollovers
- ▶ Improve vehicle compatibility

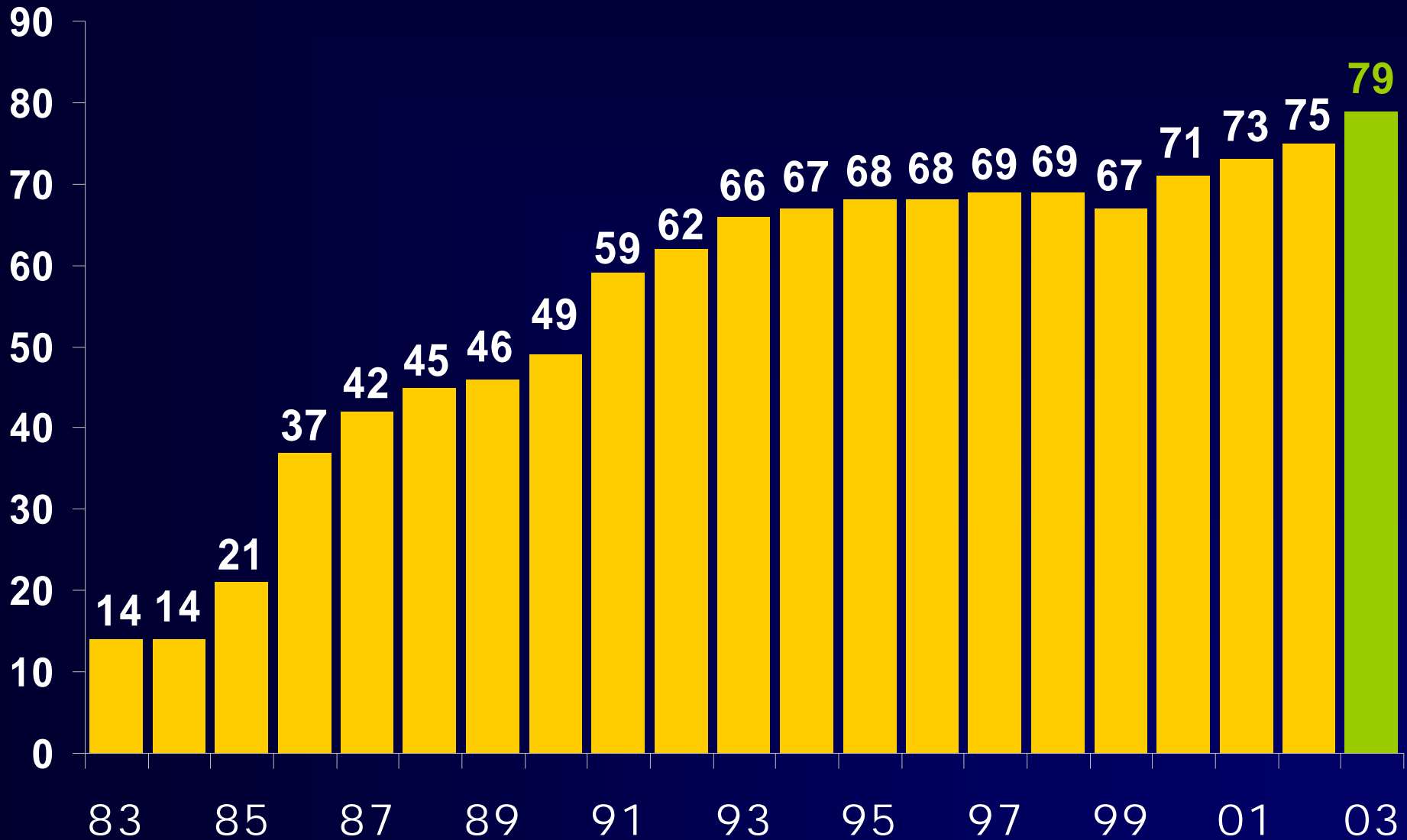


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Safety Belt Use Rates



Failure To Use Safety Belts

- ▶ 7,200 fatalities
- ▶ 98,000 serious injuries

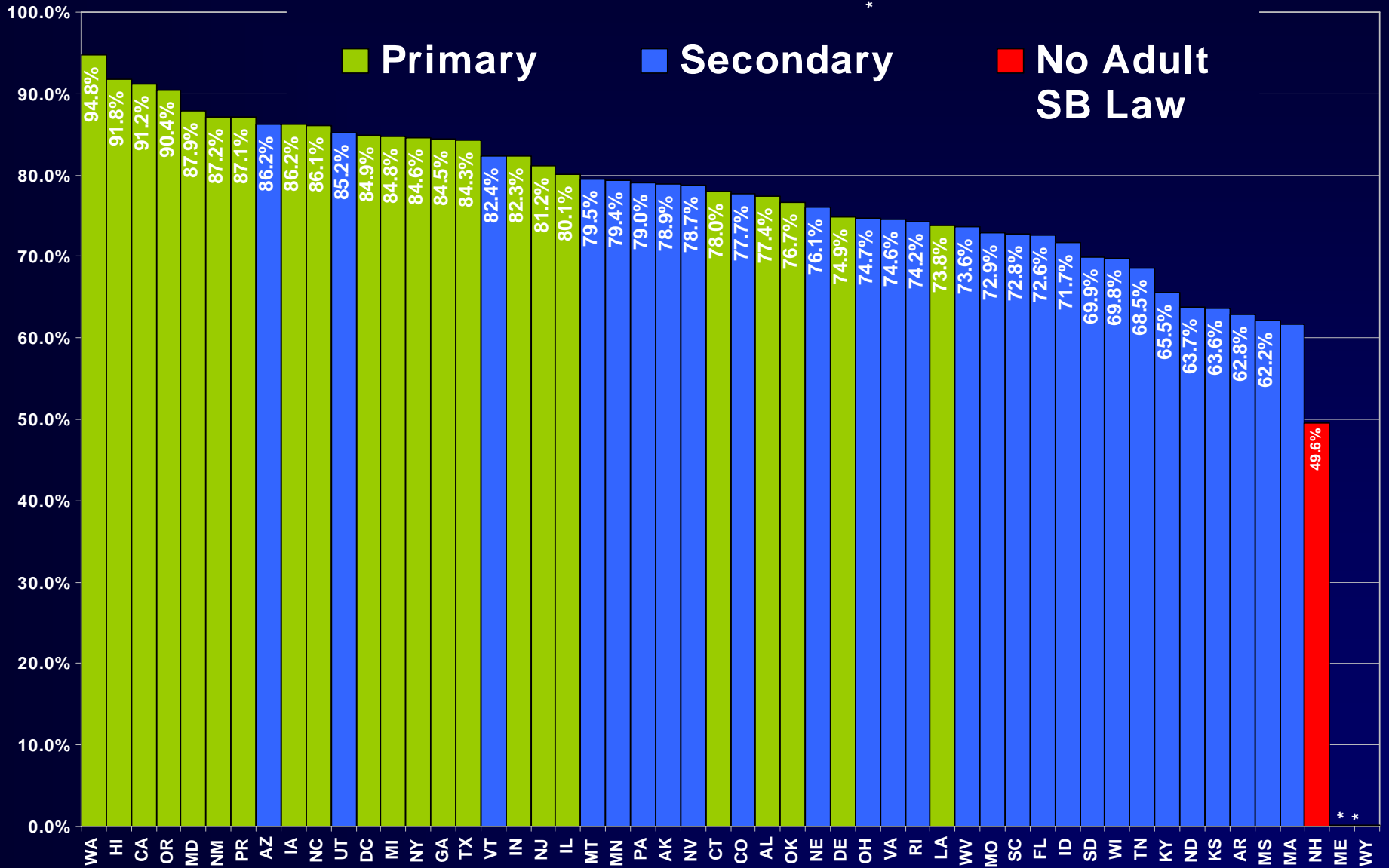


Safety Belt Benefits

- ▶ For each 1% national increase in belt use
 - 2.8 million more people buckling up
 - 270 lives saved
 - \$800 million cost saved
 - Reduce severity of over 4,000 moderate-to-critical injuries

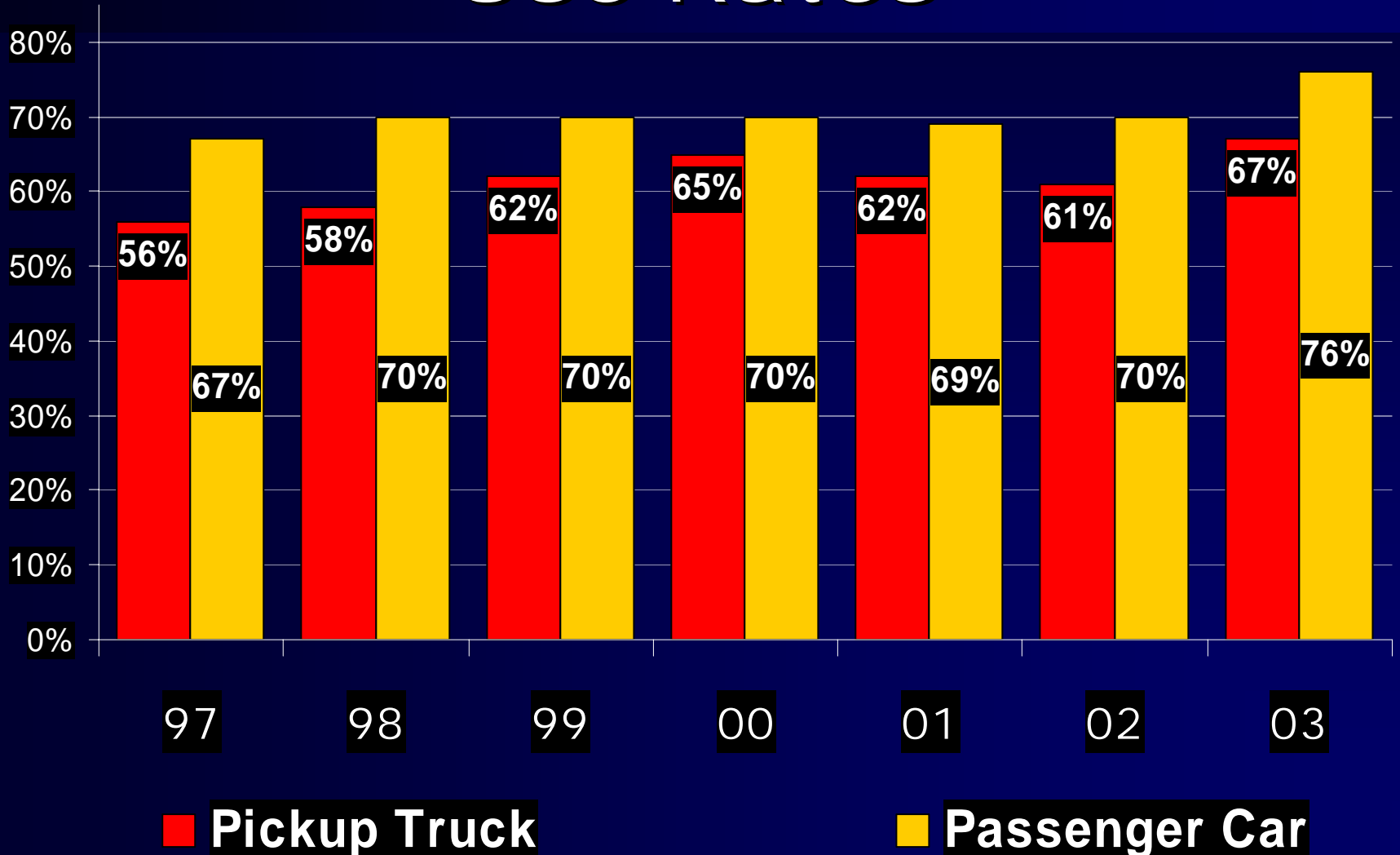


Safety Belt Use Rates By Law & State (2003)



* Data Unavailable

Louisiana Pickup Truck & Passenger Car Safety Belt Use Rates



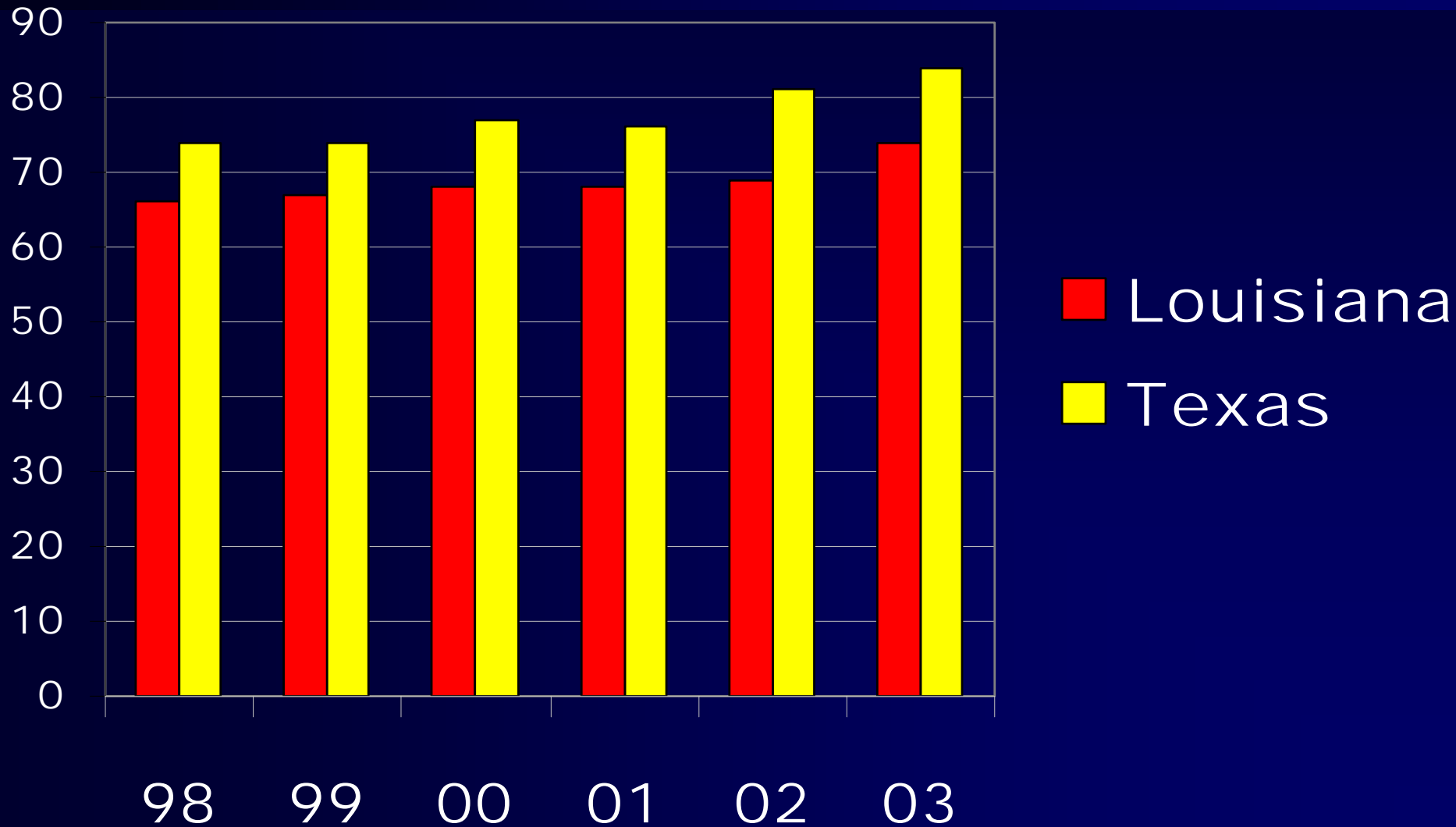


CLICK IT
OR
TICKET

Click It or Ticket Results

	Increase
▶ Full Implementation	+9%
▶ Partial Implementation	+3%
▶ Comparison States	+0.5%

Safety Belt Use Rates in Louisiana and Texas 1998 - 2003




Louisiana Key Facts

2002 Fatality Rate per 100 Million VMT

	LA	US
Rural	2.52	2.29
Urban	1.37	0.97
Alcohol	0.95	0.61
Overall Rate	2.02	1.5



Fatalities by Vehicle Type



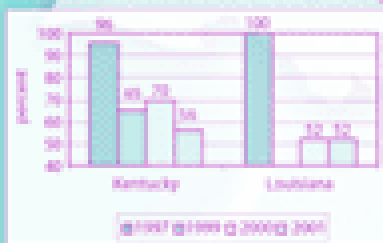
	Year				
Fatality Rate/ 100M VMT	98	99	00	01	02
Passenger Car	1.36	1.33	1.31	1.28	1.27
Light Truck	1.24	1.25	1.22	1.20	1.20
Large Truck	0.38	0.37	0.37	0.34	0.32
Motorcycle	22.3	23.5	27.67	33.17	33.96
Overall	1.58	1.55	1.53	1.51	1.50



Evaluation of the Repeal of Motorcycle Helmet Laws in Kentucky and Louisiana



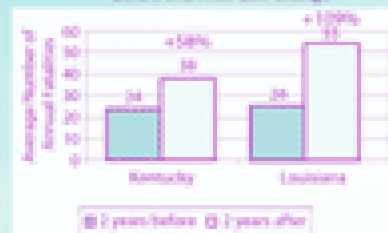
Observed Helmet Use Before and After Law Change



Change in Fatality and Injury Rates 2 Years After Helmet Law Repeal



Two Year Average of Motorcyclist Fatalities Before and After Law Change



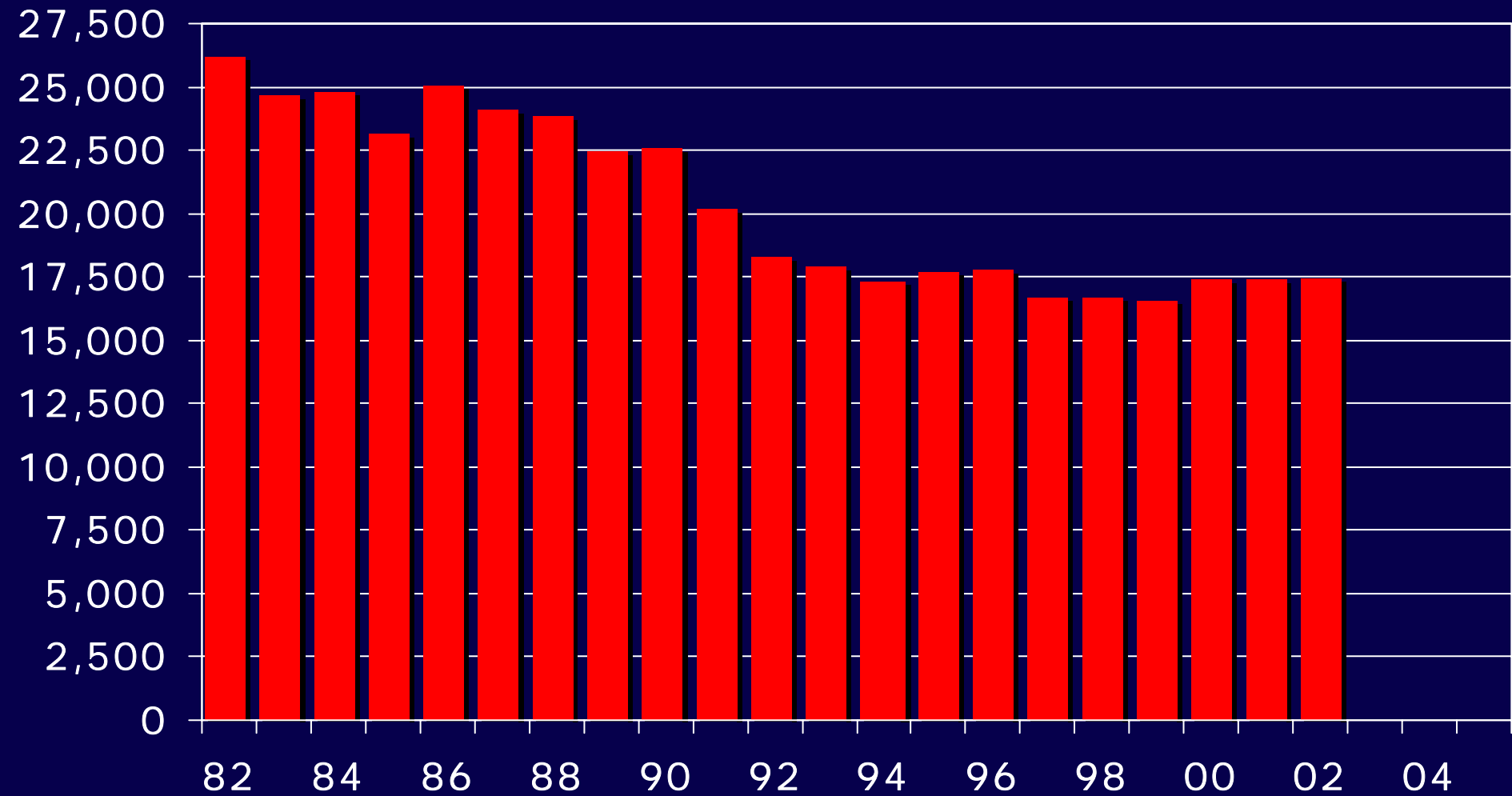
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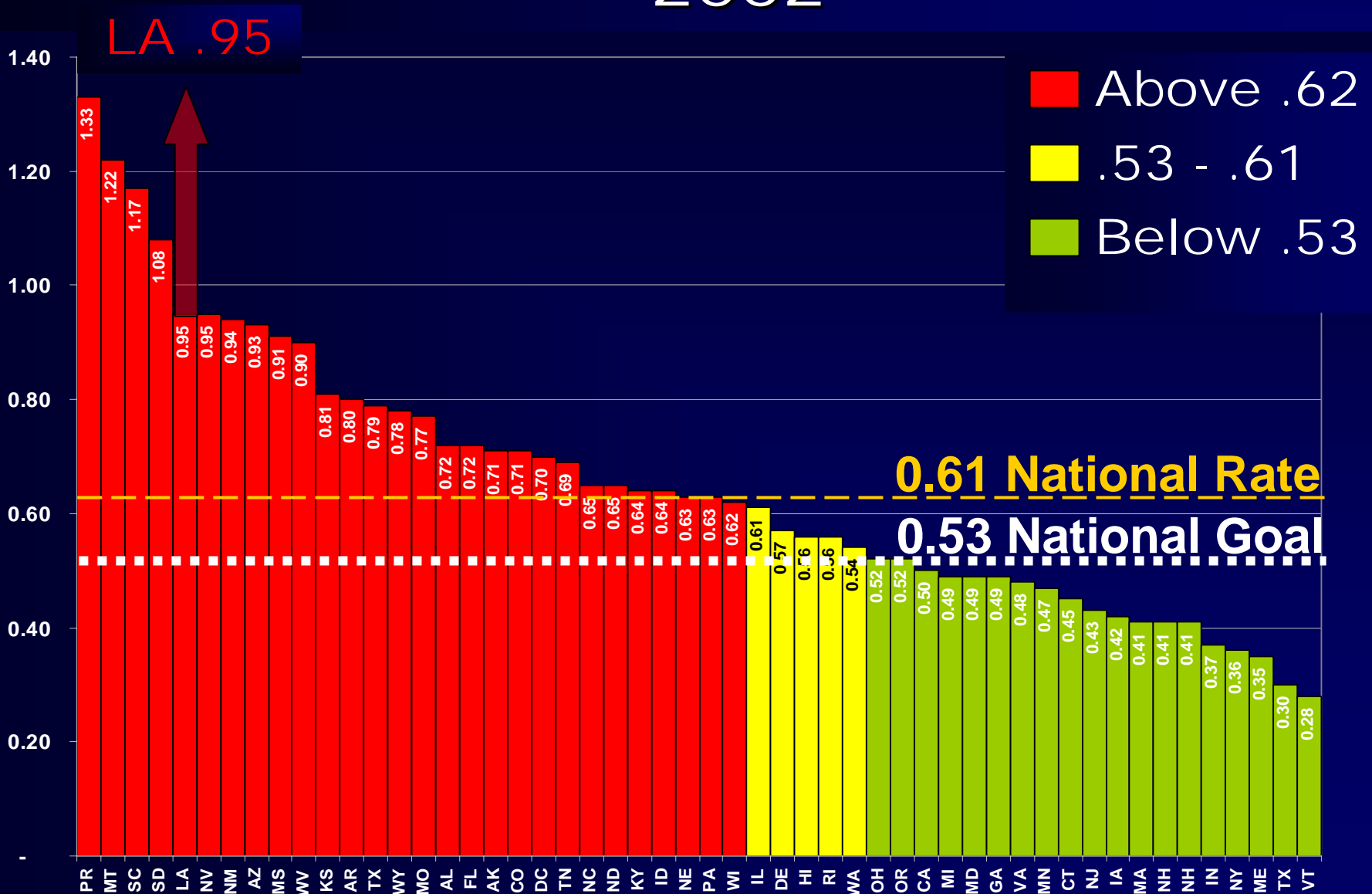
Alcohol-Related Fatalities

1982 - 2002



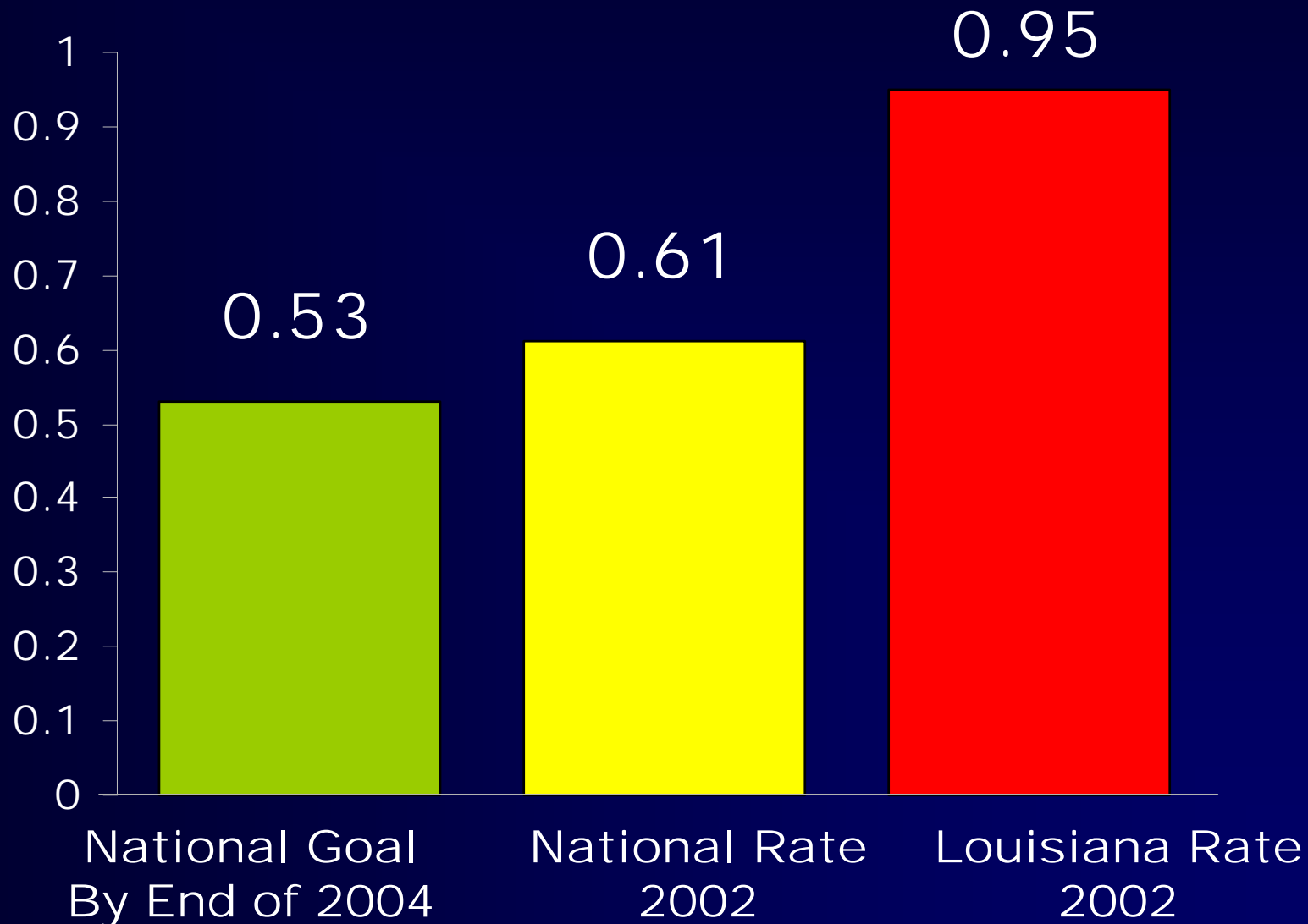
Source: FARS

Alcohol Fatality Rate by State 2002



Comparison of Alcohol Related Fatality Rates

Fatalities per 100m VMT, 2002



Strategies for Reducing Impaired Driving



High
Visibility
Enforcement

DWI Courts
& Special
Prosecutors

Screening
& Brief
Intervention

Highway Safety Priorities

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State Safety Data



Reauthorization:

SAFETEA

Safe

Accountable

Flexible

Efficient

Transportation

Equity

Act of 2003



To Make Maximum Flexible Use of Funds...



Every State Must Have A Comprehensive Highway Safety Plan

- 
- ▶ State DOTs
 - ▶ State Highway Safety Office
 - ▶ Law Enforcement
 - ▶ EMS
 - ▶ DMVs

buying a safer car



2004
Tire Grading report
● Story ● Ratings



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Frequently Asked Questions (FAQ)

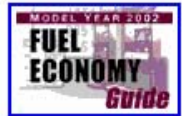


Sample Crash Videos

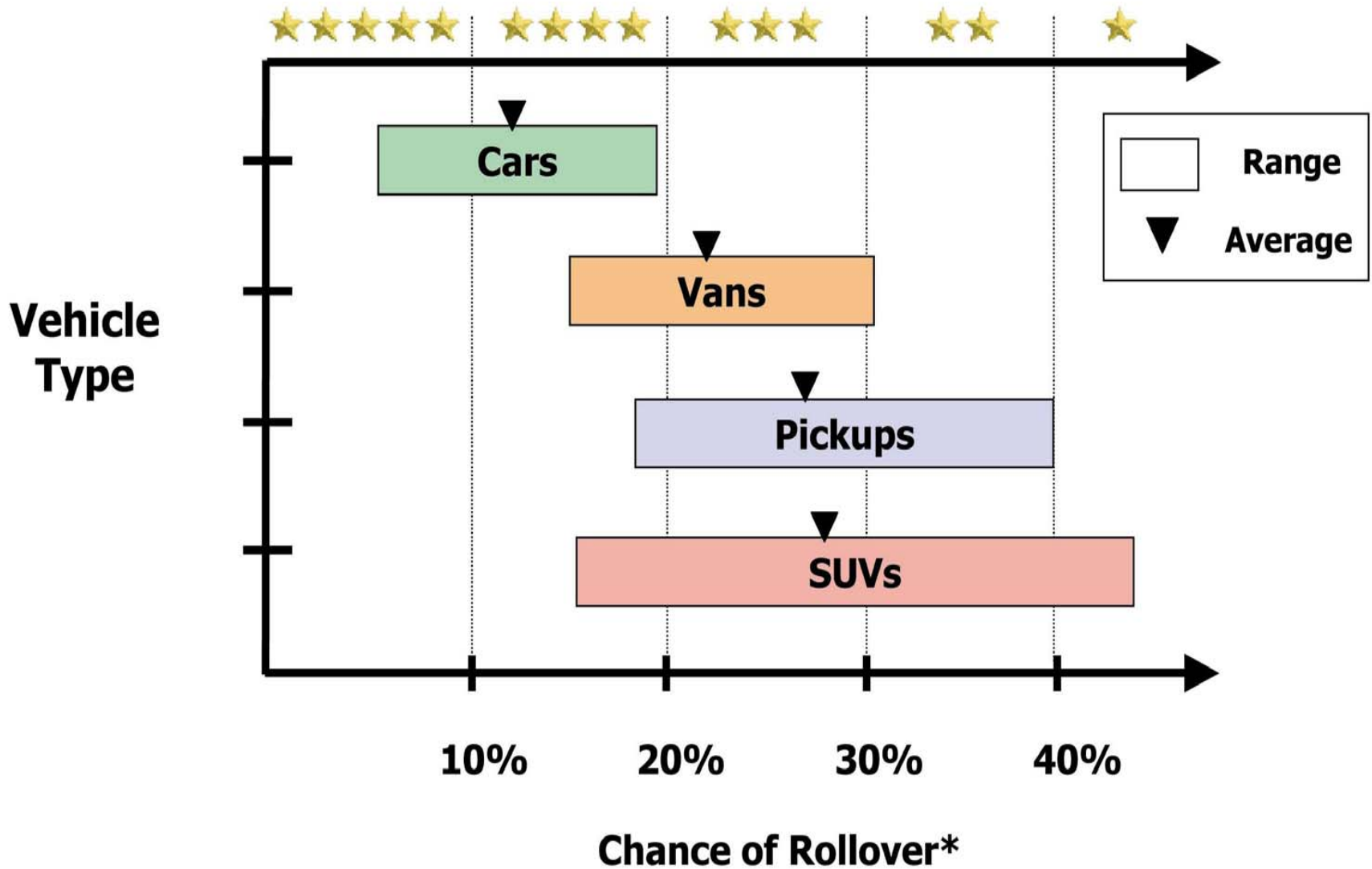
Other Crash Test Sites



Search the Recall Database



VEHICLE CLASS COMPARISON



Action Items

- ▶ Increase safety belt use
- ▶ Reduce impaired driving
- ▶ Use data to garner high level support





People Saving People

www.nhtsa.gov

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